

	OUARTERLY PROGRESS REF	ORT
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Project Title:	A Proposal for the Development of High Performances Concrete for Transportation Structures in New Jersey			
RFP NUMBER: N	/A	NJDOT RESEARCH PROJECT MANAGER: Tony Chmiel		
TASK ORDER NU 62 / 4-23806	JMBER/Study Number:	PRINCIPAL INVESTIGATOR: Hani Nassif		
Study Start Date: Study End Date:	04/30/2001 08/31/2003	Period Covered: 3 rd Quarter 2003		

Task	% of Total	% of Task	% of Task to	% of Total
		this quarter	date	Complete
Selection of Final Mixes	5%	0%	100%	5%
Collection of Data and Preparation of	20%	5%	90%	18%
Samples During the Field Samples				
Evaluation of Field Samples	10%	0%	80%	8%
Creep and Shrinkage Set-up and Testing	50%	5%	100%	50%
Preparation of Specifications for HPC	10%	10%	80%	8%
Final Report	5%	30%	90%	4.5%
TOTAL	100%			92.5%

1. Progress this quarter by task:

- A. All remaining mixes were tested for creep and shrinkage and data is collected from creep rigs.
- 1. Compared restrained shrinkage to free shrinkage and effect of using different cylinder size.
- 2. The mixes for creep were tested for strength, shrinkage and rapid chloride permeability tests and the other mixes had additional tests of freeze and thaw, autogenous shrinkage and scaling.
- 3. A draft final report is completed with a technical brief describing the tasks and results of the project over the last three years. The report and technical brief will be submitted to NJDOT for comments and suggestions.

2. Future Tasks:

- 1. Modify and update revision to Final report.
- 2. Coordinate with NJDOT Research and Materials the preparation of a HPC workshop or technology transfer presentations on results of HPC project.
- 3. Update data and creep graphs continuously until the publication of the final report.

3. Proposed activities for next quarter by task

- A. Discuss with NJDOT the possibility of collecting field data from current HPC projects on contract with the Department as a replacement to the task of working with Concrete producers in the State.
- 3. List of deliverables provided in this quarter by task (product date) N/A
- 4. Progress on Implementation and Training Activities
- 5. Problems/Proposed Solutions

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N/A

6. Budget Summary*

Total Project Budget (# of years)	1.5 Years	\$384,320.00
Total Project Expenditure to date		\$383,763
% of Total Project Budget Expended		99%
Task Order Number/Study Number:		62 / 4-23806
Current Task Order Budget (# of years)	Year 1.5	\$384,320.00
Actual Expenditure to date against current task or	rder	\$383,763
% of current task order budget expended		99%

^{*} These are approximate expended amounts for the project; these estimates are for reference only and should not be used for official accounting purposes. For a more accurate project accounting please review the quarterly invoice for this project.